

# HP OfficeJet Pro 8710/8720

## All-in-One Printer series



### Affordable color, HP Print Forward Design, and essential fleet management in an all-in-one.

Maximize your print environment with space-saving HP Print Forward Design and professional-quality, low-cost color.<sup>1</sup> Help reduce costs with fleet management solutions. Stay productive with an all-in-one designed for high-volume enterprises.

**Dynamic security:** Cartridges with non-HP chips might not work today or in the future. Learn More: <http://www.hp.com/go/learnaboutsupplies>



HP OfficeJet Pro 8710 All-in-one Printer



HP OfficeJet Pro 8720 All-in-one Printer

#### Remarkable value for professional, in-office color

- Manage your budget with professional-quality color at up to 50% less cost per page than lasers.<sup>1</sup>
- Print up to 3x as many pages with optional Original HP high-yield ink cartridges.<sup>5</sup>
- Produce professional-quality color and black text that's perfect for printing reports, emails, and more.
- Produce water-, smear-, and fade-resistant prints that stand up to highlighters.<sup>6</sup>

#### Innovative design for superb office productivity

- Speed through print jobs, using superfast two-sided printing.<sup>7</sup>
- Breeze through multipage documents with two-sided scanning and a 50-page automatic document feeder).
- Revolutionary design delivers laser-like paper handling and superfast print speeds.

#### Mobile printing that keeps your business covered

- Print with just a touch of your NFC-enabled mobile device to the printer—no company network needed.<sup>4</sup>
- Print directly from your mobile device without accessing the company network, from anywhere in the office.<sup>3</sup>
- Easily print documents, photos, and more from a variety of smartphones and tablets.<sup>2</sup>
- Help protect information and access to confidential print jobs with HP JetAdvantage Private Print.<sup>10</sup>

#### Office productivity has never been easier

- Easily manage print jobs directly at the printer. Just tap and swipe the 4.3-inch (10.9 cm) touchscreen.
- Scan digital files directly to email, network folders, and the cloud with preloaded business apps.<sup>9</sup>
- Control color-printing usage and costs across your organization.<sup>10</sup>
- Support your high-volume office with a device designed to print 30,000 pages per month for up to five users.

<sup>1</sup> Compared with the majority of color laser AIOs <US\$500, August 2015; market share as reported by IDC as of Q2 2015. Cost per page (CPP) comparisons for laser supplies are based on published specifications of the manufacturers highest capacity cartridges and long life consumables. CPP comparisons for high-capacity HP ink supplies are based on published specifications of the manufacturers' highest-capacity cartridges. CPP based on high-capacity ink cartridges' estimated street price and page yield. ISO yield based on continuous printing in default mode. For more information, see [hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies) <sup>2</sup> Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at [hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting) <sup>3</sup> Mobile device needs to be connected directly to the Wi-Fi Direct<sup>®</sup> signal of a Wi-Fi Direct supported AIO or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see [hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting). Wi-Fi Direct is a registered trademark of Wi-Fi Alliance<sup>®</sup>. <sup>4</sup> Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see <http://www.hp.com/go/nfcprinting> <sup>5</sup> Based on yields for HP 956/957/958/959XL ink cartridges compared with HP 952/953/954/955A ink cartridges. For more information, see [hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies) <sup>6</sup> Water, smear, fade, and highlighter resistance based on ISO 11798 and internal HP testing. For details, see <http://www.hp.com/go/printpermanence> <sup>7</sup> Excludes first set of ISO test pages. For details, see [hp.com/go/printerclaims](http://www.hp.com/go/printerclaims) <sup>8</sup> HP JetAdvantage Private Print is available at no charge and requires that the printer be connected to the Internet with web services enabled. Not available in all countries. For more information, see [hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies) <sup>9</sup> Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see <http://www.hp.com/go/learnaboutsupplies> <sup>10</sup> Color usage control capabilities vary from device to device.

## Product walk around: 8720 All-in-One

HP OfficeJet Pro 8720 All-in-One shown

- 1 50-sheet single-pass, two-sided automatic document feeder (ADF)
- 2 Legal-size flatbed scanner<sup>4</sup>
- 3 Cartridge access door
- 4 HP Print Forward Design with self-contained output bin<sup>5</sup>
- 5 4.3-inch (10.9 cm) color touchscreen with customizable shortcuts<sup>6</sup>
- 6 Easy-access USB port
- 7 Built-in automatic two-sided printing
- 8 250-sheet tray 1
- 9 Wi-Fi Direct<sup>®</sup> printing<sup>9</sup>
- 10 Built-in wireless networking<sup>10</sup>
- 11 NFC touch to-print<sup>11</sup>
- 12 Fax connection ports
- 13 Hi-Speed USB 2.0 printing port
- 14 Fast Ethernet network port



## Series at a glance



Model (Product number)	8710 (D9L18A)	8720 (D9L19A)
Velocidade de impressão em páginas por minuto (ppm), preto/cores (carta/A4) <sup>12</sup>	Up to 22/18 ppm	Up to 24/20 ppm
Two-sided print speed in ppm, black/color <sup>13</sup>	Up to 12/10 ppm (letter/A4)	Up to 20/17 ppm (up to legal size)
ADF two-sided scan speed in images per minute (ipm), black/color <sup>14</sup>	Up to 4/4 ipm	Up to 6/4 ipm
Control panel display	2.65-inch (6.75 cm) tela de toque colorida	4.3-inch (10.9 cm) tela de toque colorida
NFC touch-to-print <sup>11</sup>	Not available	✓
Print input capacity (standard)	250	250

<sup>4</sup> The 8710 model has a flatbed scanner that supports up to letter/A4 paper. <sup>5</sup> HP Print Forward Design is not available for the 8710 model. <sup>6</sup> The 8710 model has a 2.65-inch (6.75 cm) touchscreen with digital shortcuts. <sup>9</sup> Mobile device needs to be connected directly to the Wi-Fi Direct signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct is a registered trademark of the Wi-Fi Alliance<sup>®</sup>. <sup>10</sup> Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. <sup>11</sup> NFC touch-to-print is not available for the 8710 model. Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see [hp.com/go/nfcprinting](http://hp.com/go/nfcprinting). <sup>12</sup> Print speed is up to 22 ppm for the 8710 model, up to 24 ppm for 8720. Printing speed measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>13</sup> Two-sided print speed is up to 12 ppm for the 8710 model, up to 20 ppm for 8720 model. Excludes first set of ISO test pages. For details, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). <sup>14</sup> Two-sided scan speed is up to 4 ipm for the 8710 model, up to 6 ipm for the 8720 model. Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

## HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

HP Care Pack Services provide comprehensive suite of protection services designed to keep HP Hardware and software up and running so employees can stay productive.

For care pack availability visit: [hp.com/go/cpc](http://hp.com/go/cpc)



## Top Features

Count on remarkable value for your color printing needs. Spend up to 50% less per page compared with lasers<sup>1</sup>, and produce the color and black text output you need to keep your business humming.

Experience revolutionary HP Print Forward Design. Get high speeds for two-sided print and scan jobs with laser-like paper handling, and preserve real estate with space-saving design.

Keep business moving from anywhere in the office. Connect to devices with touch-to-print functionality.<sup>4</sup> Easily print when and where you need to from your smartphone, tablet, or notebook PC ~~or~~ **ready to maintain**

Stay productive with a large touchscreen and scan-to-network-folder-and-email capabilities that help you easily handle high-volume print jobs. Manage costs for a more efficient office with Color Usage Control.

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### Supplies

L0S59AL	HP 954 Black Original Ink Cartridge (~1000 pages)
L0S50AL	HP 954 Cyan Original Ink Cartridge (~700 pages)
L0S53AL	HP 954 Magenta Original Ink Cartridge (~700 pages)
L0S56AL	HP 954 Yellow Original Ink Cartridge (~700 pages)
L0S71AL	HP 954XL Black Original Ink Cartridge (~2000 pages)
L0S62AL	HP 954XL Cyan Original Ink Cartridge (~1600 pages)
L0S65AL	HP 954XL Magenta Original Ink Cartridge (~1600 pages)
L0S68AL	HP 954XL Yellow Original Ink Cartridge (~1600 pages)
L0R41AL	HP 958XL Black Original Ink Cartridge (~3000 pages) (not compatible with 8710 model)

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### Services

#### HP OfficeJet Pro 8710/8720 All-in-One Printer

UG305E	HP 2 year Care Pack w/Next Day Exchange for Officejet
UG245E	Printers HP 2 year Care Pack w/Next Day Exchange for Officejet Printers
UG602PE	HP 3 year Care Pack w/Next Day Exchange for Officejet Printers

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<sup>1</sup> Compared with the majority of color laser AiOs <US\$500, August 2015; market share as reported by IDC as of Q2 2015. Cost per page (CPP) comparisons for laser supplies are based on published specifications of the manufacturers' highest capacity cartridges and long life consumables. CPP comparisons for high-capacity HP ink supplies are based on published specifications of the manufacturers highest-capacity cartridges. CPP based on high-capacity ink cartridges' estimated street price and page yield. ISO yield based on continuous printing in default mode. For more information, see [hp.com/go/learnabouthsupplies](http://hp.com/go/learnabouthsupplies) <sup>2</sup> Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting) <sup>4</sup> Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see [hp.com/go/nfcprinting](http://hp.com/go/nfcprinting) <sup>8</sup> HP JetAdvantage Private Print is available at no charge and requires that the printer be connected to the Internet with web services enabled. Not available in all countries. For more information, see [hpjetadvantage.com](http://hpjetadvantage.com)

## HP OfficeJet Pro 8710/8720 Printer Series

Technical specifications	HP OfficeJet Pro 8710 All-in-One Printer (M9L66A)	HP OfficeJet Pro 8720 All-in-One Printer (M9L75A)
AIO functions	Print, copy, scan, fax	
Duplex print options	Automatic (standard)	
Print speed <sup>1</sup>	<b>ISO speed:</b> Up to 22 ppm black and 18 ppm color <b>Maximum, letter:</b> Up to 35 ppm black and color	<b>ISO speed:</b> Up to 24 ppm black and 20 ppm color <b>Maximum, letter:</b> Up to 37 ppm black and color
First page out <sup>4</sup>	<b>Black (ready):</b> As fast as 9 sec; <b>Color (ready):</b> As fast as 10 sec	
Print resolution	<b>Black (best):</b> 1200 x 1200 rendered dpi <b>Color (best):</b> Up to 4800 x 1200 optimized dpi on HP Advance Photo Paper 1200 x 1200 dpi input (4 1 each black, cyan, magenta, yellow)	
Print cartridges number	HP ePrint, Apple AirPrint™, Android OS Enablement Printing, Mopria™-certified	
Mobile printing capability <sup>4</sup>	Yes, up to 8.5 x 11 in (US letter), 210 x 297 mm (A4)	
Borderless printing	HP PCL 3 GUI, HP PCL 3 Enhanced	
Standard print languages	HP Web Jetadmin; Embedded Web Server; HP Utility (Mac), HP JetAdvantage Security Manager optional	
Printer management	Orientation: Portrait/Landscape; Print on Both Sides: None/Flip on Long Edge/Flip on Short Edge; Page Order: Front to Back/Back to Front; Pages per Sheet: 1, 2, 4, 6, 9, 16; Quality Settings: Draft/Normal/Best; Color: Black & White/Color; Printing Shortcuts; Print in Grayscale: Off/High Quality Grayscale/Black Ink Only; Pages per Sheet Layout: Right then Down/Down then Right/Left then Down/Down then Left; Print in Max DPI: No/Yes; HP Real Life Technologies: Off/On; Booklet: None/Booklet-LeftBinding/Booklet-RightBinding; Pages to Print: Print All Pages/Print Odd Pages Only/Print Even Pages Only; Borderless Printing: Off/On; Page Borders: Off/On; Preserve Layout: No/	
Scan type/technology	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Contact Image Sensor (CIS)	
Scan speed	<b>Normal:</b> Up to 8 ipm, up to 8 ipm (200 ppi, b&w / color) <b>Duplex:</b> Up to 4 ipm, up to 4 ipm (200 ppi, b&w / color)	<b>Normal:</b> Up to 17 ipm, up to 8 ipm (200 ppi, b&w / color) <b>Duplex:</b> Up to 6 ipm, up to 4 ipm (200 ppi, b&w / color)
Scan resolution	<b>Hardware:</b> Up to 1200 x 1200 dpi; <b>Optical:</b> Up to 1200 dpi	
Scan file format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)	
Scan input modes	Front-panel scan, copy, fax, or from software	
Scan size maximum	<b>Flatbed, ADF:</b> 8.5 x 11 in (216 x 280 mm)	<b>Flatbed, ADF:</b> 8.5 x 14 in (216 x 356 mm)
Twain version	Version 1.9	
Bit depth/Grayscale levels	<b>Bit Depth:</b> 24-bit (color); 8-bit (gray); <b>Grayscale:</b> 256	
Digital sending standard features	Scan-to-E-mail; Fax Archive to E-mail	
Copy speed	<b>Maximum, letter:</b> up to 30 cpm black and 27 color; <b>Laser comparable:</b> Up to 20 cpm black and 14 color	<b>Maximum, letter:</b> up to 37 cpm black and color; <b>Laser comparable:</b> Up to 22 cpm black and 16 cpm color
Copy resolution	<b>Black (text and graphics):</b> Up to 600 dpi; <b>Color (text and graphics):</b> Up to 600 dpi	
Max. no. of copies	Up to 99 copies	
Copier resize	25 to 400%	
Copier settings	Copies; Two-Sided; Lighter/Darker; HP Copy Fix; ID Copy; Resize; Quality; Paper Size; Paper Type; Collate; Margin Shift; Crop; Copy Preview; Tray Select; Enhancements	
Fax speed	4 sec per page	
Fax resolution	<b>Black(standard):</b> 203 x 98 dpi; <b>Black and White(fine):</b> 203 x 196 dpi, 256 levels of gray; <b>Black Photo Grayscale:</b> 300 x 300 dpi; <b>Color (fine):</b> 200 x 200 dpi; <b>Color (standard):</b> 200 x 200 dpi	
Fax features	<b>Auto fax reduction supported:</b> Yes; <b>Auto-Redialing:</b> Yes; <b>Fax delayed sending:</b> Yes; <b>Distinctive ring detection supported:</b> Yes; <b>Fax forwarding supported:</b> Yes; <b>Junk barrier supported:</b> Yes, requires Caller ID; <b>PC interface supported:</b> Yes, HP Software support provided	
Fax smart software features	Digital Fax - Fax to Mac/Fax to PC is available with Windows and Macintosh (Please use: Visit hp.com/support to download the latest software.)	
Standard connectivity	1 USB 2.0; 1 Host USB; 1 Ethernet; 1 Wireless 802.11b/g/n; 2 RJ-11 modem ports	
Network capabilities	Standard (built-in Ethernet, WiFi 802.11b/g/n)	
Wireless capability	Yes	
Memory speed	128 MB	256 MB
Duty cycle (monthly) <sup>7</sup>	Up to 25,000 pages; <b>Recommended monthly page volume:</b> <sup>5</sup> 250 to 1500 pages	Up to 30,000 pages; <b>Recommended monthly page volume:</b> <sup>5</sup> 250 to 2000 pages
Paper handling	Input: 250-sheet input tray Output: 150-sheet output tray	
Media type	Plain Paper; HP Photo Papers; HP Matte Brochure or Professional Paper; HP Matte Presentation Paper; HP Glossy Brochure or Professional Paper; Other Photo Inkjet Papers; Other Matte Inkjet Papers; Other Glossy Inkjet Papers; Inkjet Hagaki; Plain Paper, Thick; Plain Paper, Light/Recycled	
Media weight	<b>Tray 1:</b> 60 to 105 g/m <sup>2</sup> (plain); 220 to 280 g/m <sup>2</sup> (photo); 75 to 90 g/m <sup>2</sup> (envelope); 163 to 200 g/m <sup>2</sup> (card)	
Media sizes custom	<b>Tray 1:</b> 76.2 x 127 to 215.9 x 355.6 mm	
Dimensions (W x D x H) <sup>1</sup>	49.95 x 53.01 x 33.91 cm (Duplexor built-in, output tray no need extend) <b>Max:</b> 499 x 639.8 x 315.5 mm (with built-in duplexer, output tray extended)	49.95 x 53.01 x 33.91 cm (Duplexor built-in, output tray no need extend) <b>Max:</b> 499.5 x 530.1 x 339.1 mm (Duplexor built-in, output tray no need extend)
Weight <sup>2</sup>	11.54 kg	15.01 kg
What's in the box	HP OfficeJet Pro 8710/8720 All-in-One Printer; HP 954 Setup Black OfficeJet Ink Cartridge (~745 pages), HP 954 Setup Cyan OfficeJet Ink Cartridge, HP 954 Setup Magenta OfficeJet Ink Cartridge, HP 954 Setup Yellow OfficeJet Ink Cartridge; composite yield (~400 pages); Power cord; Phone cord; Setup poster. (Chile, USB cable).	
Warranty features	One-year limited hardware warranty; For more info please visit us at <a href="http://support.hp.com">http://support.hp.com</a>	
Compatible operating systems	<b>PC:</b> Windows 10, 8.1, 8, 7: 32-bit or 64-bit, <b>Mac:</b> Apple OS X Yosemite (v10.10) OS X Mavericks (v10.9), OS X Mountain Lion (v10.8)	
Compatible network operating systems	<b>PC:</b> Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8, Windows XP SP3 or higher (32-bit only); any Intel Pentium II, Celeron or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. <b>Mac:</b> Apple OS X Yosemite (v10.10) OS X Mavericks (v10.9), OS X Mountain Lion (v10.8); 1 GB HD; Internet required; USB Linux (For more information, see <a href="http://hplipopensource.com/hplip-web/index.html">hplipopensource.com/hplip-web/index.html</a> )	
Minimum system requirements	<b>PC:</b> Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows XP SP3 or higher (32-bit only); any Intel Pentium II, Celeron or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. <b>Mac:</b> Apple OS X Yosemite (v10.10) OS X Mavericks (v10.9), OS X Mountain Lion (v10.8); 1 GB HD; Internet required; USB Linux (For more information, see <a href="http://hplipopensource.com/hplip-web/index.html">hplipopensource.com/hplip-web/index.html</a> )	
Environmental ranges	<b>Recommended operating temperature:</b> 15 to 32° C (59 to 90°F); <b>Non-operating humidity range:</b> Up to 90% RH; <b>Operating humidity range:</b> 20 to 80% RH; <b>Storage Temperature Range:</b> -40 to 60° C (-40 to 140° F)	
Energy efficiency compliance	ENERGY STAR <sup>®</sup> qualified	
Acoustic	<b>Acoustic power emissions:</b> <sup>7</sup> 6.9 B(A) <b>Acoustic pressure emissions:</b> 63 dB(A) (draft printing at 20 ppm)	<b>Acoustic power emissions:</b> <sup>7</sup> 6.9 B(A) <b>Acoustic pressure emissions:</b> 60 dB(A) (draft printing at 21 ppm)
Power <sup>3</sup>	<b>Power supply type:</b> Internal (Built-in) Universal Power Supply; <b>Power supply required:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); <b>Power Consumption:</b> <sup>8</sup> 35 watts maximum, 0.14 watts (Manual-Off), 6.10 watts (Standby) (8710 model), 6.70 watts (Standby) (8720 model), 1.20 watts (Sleep) (8710 model), 1.30 watts (Sleep) (8720 model); <b>Typical electricity consumption (TEC number):</b> 0.31 kWh/Week	
Display	2.65" (6.75 cm) CGD touchscreen	
Software included	HP Dropbox, HP Google Drive, Microsoft DotNet	
Security management	SSL/TLS (HTTPS), IPP over TLS; WPA2-Enterprise wired; 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP); Pre-Shared Key Authentication for Wireless (PSK); firewall, certificates configuration, Control panel lock; Password protect EWS; Unused protocol and service disablement; Syslog; Signed firmware; Administrator settings, optional HP JetAdvantage Security Manager	

<sup>1</sup> Dimensions vary as per configuration <sup>2</sup> Weight varies as per configuration <sup>3</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. <sup>4</sup> Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see [hplipopensource.com](http://hplipopensource.com). HP ePrint requires: account registration, HP ePrint-enabled printer, Internet connection, and a wireless-enabled mobile device or Internet-connected computer with email capability. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. AirPrint supports OS X® Lion, OS X® Mountain Lion and the following devices running iOS 4.2 or later: iPad®, iPhone® (3GS or later), iPod touch® (3rd generation or later) and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows is a trademark of the Microsoft group of companies. BlackBerry® names and logos are the property of Research In Motion Limited. Android is a trademark of Google Inc. <sup>5</sup> Speed specifications have been updated to reflect current industry testing methods. <sup>6</sup> Either after first page or after first set of ISO test pages. For details see [hp.com/go/printerclaims](http://hp.com/go/printerclaims) <sup>7</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement.

To learn more, visit [hp.com](http://hp.com)

